

AMENDMENTS TO THE CLAIMS

1 1. (Currently Amended) A machine for scraping a floor covering from a base
2 floor surface comprising:

3 a machine frame having a longitudinal reference axis which is fixed in relation to
4 said frame;

5 left and right drive wheels supporting a rear of said frame above the floor and
6 oriented to propel said frame across the floor in a direction parallel to said reference axis;

7 left and right arms journalled on said frame for independent rotation of said arms
8 about an axis transverse to said reference axis; and

9 a blade assembly having a floor scraping edge, said assembly being pivotally
10 connected to said left and right arms for independent rotation on blade assembly axes
11 transverse to said reference axis with said scraping edge extending transverse to said
12 reference axis and following a contour of the floor, said assembly supporting a front of said
13 frame above the floor.

1 2. (Re-presented - formerly dependent claim #2) ~~A machine according to claim~~
2 ~~1 further comprising:~~

3 A machine for scraping a floor covering from a base floor surface comprising:

4 a machine frame having a longitudinal reference axis which is fixed in relation to
5 said frame;

6 left and right drive wheels supporting a rear of said frame above the floor and
7 oriented to propel said frame across the floor in a direction parallel to said reference axis;

8 left and right arms journalled on said frame for independent rotation of said arms

9 about an axis transverse to said reference axis;

10 a blade assembly having a floor scraping edge, said assembly being pivotally
11 connected to said left and right arms for independent rotation on blade assembly axes
12 transverse to said reference axis with said scraping edge extending transverse to said
13 reference axis and following a contour of the floor;

14 a yoke having left and right ends pivotally connected to said left and right arms for
15 independent rotation on yoke axes parallel to said reference axis; and

16 a piston and cylinder for raising and lowering said yoke to transfer said blade
17 assembly between a lower floor scraping position and a higher storage position, said piston
18 and cylinder being pivotally connected at one end thereof to said frame for rotation about
19 an axis transverse to said reference axis and being pivotally connected at another end
20 thereof to said yoke for rotation about an axis parallel to said reference axis.

1 3. (Original) A machine according to claim 1 further comprising left and right
2 pistons and cylinders for varying a pitch of said blade assembly, said pistons and cylinders
3 being pivotally connected at first ends thereof to said left and right arms, respectively, and
4 being pivotally connected at second ends thereof to said blade assembly for rotation about
5 axes transverse to said reference axis.

1 4. (Currently Amended) A machine for scraping a floor covering from a base
2 floor surface comprising:

3 a machine frame having a longitudinal reference axis which is fixed in relation to
4 said frame;

5 left and right drive wheels supporting a rear of said frame above the floor and
6 oriented to propel said frame across the floor in a direction parallel to said reference axis;

7 left and right arms radially extending from left and right sides of said frame, rear
8 ends of said left and right arms being journalled for independent rotation of said arms
9 about an axis transverse to said reference axis and forward of said left and right drive
10 wheels; and

11 a blade assembly having a floor scraping edge, said assembly being pivotally
12 connected to forward ends of said left and right arms for independent rotation on blade
13 assembly axes transverse to said reference axis with said scraping edge extending
14 transverse to said reference axis and following a contour of the floor.

1 5. (Re-presented - formerly dependent claim #5) ~~A machine according to claim~~
2 ~~4 further comprising:~~

3 A machine for scraping a floor covering from a base floor surface comprising:
4 a machine frame having a longitudinal reference axis which is fixed in relation to
5 said frame;

6 left and right drive wheels supporting a rear of said frame above the floor and
7 oriented to propel said frame across the floor in a direction parallel to said reference axis;

8 left and right arms radially extending from left and right sides of said frame, rear
9 ends of said left and right arms being journalled for independent rotation of said arms
10 about an axis transverse to said reference axis and forward of said left and right drive
11 wheels;

12 a blade assembly having a floor scraping edge, said assembly being pivotally

connected to forward ends of said left and right arms for independent rotation on blade assembly axes transverse to said reference axis with said scraping edge extending transverse to said reference axis and following a contour of the floor;

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a yoke having left and right ends pivotally connected to forward portions of said left and right arms for independent rotation on yoke axes parallel to said reference axis; and

a piston and cylinder for raising and lowering said yoke to transfer said blade assembly between a lower floor scraping position and a higher storage position, said piston and cylinder being pivotally connected at an upper end thereof to said frame for rotation about an axis transverse to said reference axis and being pivotally connected at a lower end thereof to said yoke for rotation about an axis parallel to said reference axis.

6. (Original) A machine according to claim 4 further comprising left and right pistons and cylinders for varying a pitch of said blade assembly, said pistons and cylinders being pivotally connected at rear ends thereof to midportions of said left and right arms, respectively, and being pivotally connected at forward ends thereof to said blade assembly for rotation about axes transverse to said reference axis.

7. (Original) A machine for scraping a floor covering from a base floor surface comprising:

a machine frame having a longitudinal reference axis which is fixed in relation to said frame;

left and right drive wheels supporting a rear of said frame above the floor and oriented to propel said frame across the floor in a direction parallel to said reference axis;

7 left and right arms radially extending from left and right sides of said frame, rear
8 ends of said left and right arms being journalled for independent rotation of said arms
9 about an axis transverse to said reference axis and forward of said left and right wheels;

10 a blade assembly having a floor scraping edge, said assembly being pivotally
11 connected to forward ends of said left and right arms for independent rotation on blade
12 assembly axes transverse to said reference axis with said scraping edge extending
13 transverse to said reference axis and following a contour of the floor;

14 a yoke having left and right ends pivotally connected to forward portions of said left
15 and right arms for independent rotation on yoke axes parallel to said reference axis;

16 a piston and cylinder for raising and lowering said yoke to transfer said blade
17 assembly between a lower floor scraping position and a higher storage position, said piston
18 and cylinder being pivotally connected at an upper end thereof to said frame for rotation
19 about an axis transverse to said reference axis and being pivotally connected at a lower
20 end thereof to said yoke for rotation about an axis parallel to said reference axis;

21 left and right pistons and cylinders for varying a pitch of said blade assembly, said
22 left and right pistons and cylinders being pivotally connected at rear ends thereof to
23 midportions of said left and right arms, respectively, and being pivotally connected at
24 forward ends thereof to said blade assembly for rotation about axes transverse to said
25 reference axis; and

26 means for operating said raising and lowering cylinder and said left and right
27 cylinders in one of independent and simultaneous modes.

1 **8.** (Original) A machine according to claim 7 further comprising means for
2 selecting operation of said raising and lowering cylinder in one of raising, lowering, locked
3 and floating modes.